

MS PATENT APPLICATION  
COMMISSIONER FOR PATENTS 121503  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450



Transmitted herewith for filing is the patent application of:

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O U.S. PTO  
16018 10/7/36237



Inventors: **Antonino CALABRO'  
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F r: **METHOD OF PERFORMING A SIMON'S OR A SHOR'S QUANTUM ALGORITHM AND RELATIVE QUANTUM GATE**

Enclosed are:

- Patent Application: 39 pages, 5 claims  
5 sheets of drawings  
The suggested drawing figure to be published is FIG. 6.
- A Preliminary Amendment (with 4 replacement drawing sheets).
- Assignee info:  
Name: STMicroelectronics S.r.l.  
Address: Via C. Olivetti, 2, 20041 Agrate Brianza (MI), Italy  
Country of Incorporation: Italy
- Applicant claims priority benefit to the following foreign application(s):  
Country: Italy  
Application No.: VA2002A000069  
Filing Date: December 13, 2002

The Declaration and Filing Fee are **NOT ENCLOSED**.

- Name, Address and Citizenship of Inventor(s) is as follows:

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PATENT TRADEMARK OFFICE

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